Installation Instructions

PMD.5 — PMD1— PMD2:
Universal Projector Mounts

Universal Mounting Grid

Superior Mounting Flexibility

Adjustable Ceiling Pipe Drop

IMPORTANT: To utilize the PMD projector mount, the projector must have mounting lands (threaded inserts) on the base. Contact OmniMount if you have any questions regarding the proper installation of this projector mount system.

Questions? 1-800-MOUNT IT

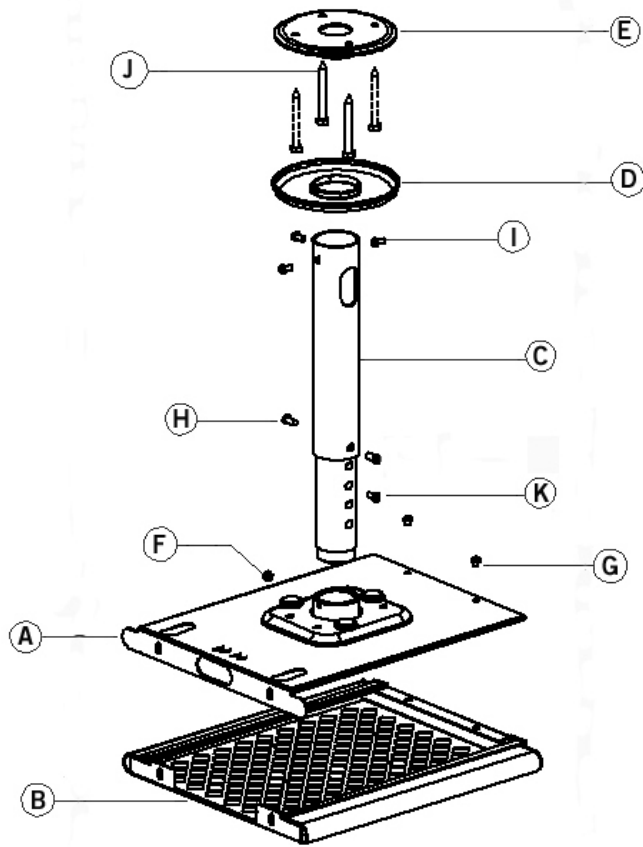
Thank you for purchasing an OmniMount product.

Specifications are subject to change without prior notice.

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Models: PMD.5 — PMD1 — PMD2

Part	Description	Qty.	
	Mount Assembly Hardware		
A	Top Projector Plate	1	
B	Bottom Projector Plate	1	
C	Pipe Drop Assembly	1	
D	Plastic Cover	1	
E	Ceiling Plate	1	**Bag**
F	Hex Screw: ¼"-20 X ¼"	1	(d)
G	Screw: ¼"-20 X 3/8"	2	(c)
H	Hex Screw: ¼"-X 5/8"	4	(d)
I	Hex Screw: ¼"-X ½"	6	(d)
J	Lag Bolt: 5/16" X 3"	4	(e)
K	Plastic Plugs	14	(b)
	Hex Wrench	1	(d)

Step 5

Slide the bottom projector mounting plate onto the previously installed top projector mounting plate. (Fig. 11)

Note: Make sure that the cables don't get pinched while sliding the plates together.
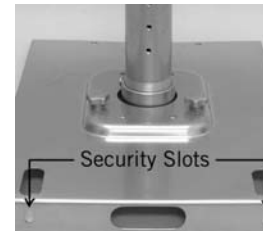

Fig. 11

Fig. 12

Important: Always secure projector plates by installing 3/8" screws (**G**) into holes on front edge of plates.

Additional security can be provided by installing small padlocks through security slots at the rear of the projector plates. (Fig. 12)

Attach cables to the projector. Turn projector ON, and make pitch and keystone adjustments as per the projector manufacturers instructions. For additional pitch/tilt, use the three adjustment knobs on top of the PMD mount (Fig. 13).
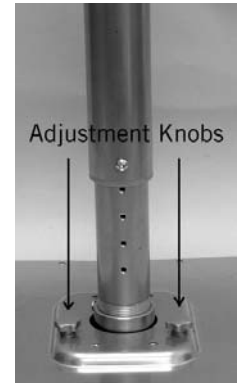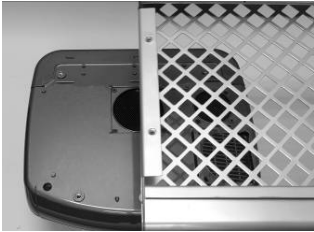
Fig. 13

Step 5   Fig. 6

Determine required mounting screw size (4, 5 or 6 mm) for projector. **Note:** Consult projectors owners' manual for screw sizes and mounting holes.

Lay projector on table with mounting surface face up. Place grid section of bottom projector mounting plate onto top of projector in desired mounting orientation (horizontal or vertical). (Fig. 6)

Using a pencil or felt tipped pen, mark the locations of the projectors threaded inserts onto the grid for reference. (Fig. 7)
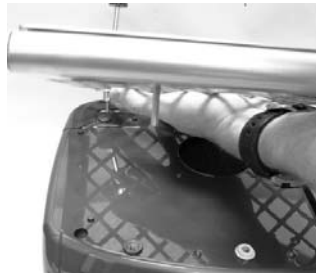
Fig. 7

Place a large washer (1) over mounting screw, and then insert screw through grid at marked location. (Fig. 8)

Fig. 8

Lift the projector mounting plate and place a second large washer (1) onto the end of the screw, followed by a metal spacer (2). Loosely thread (2-3 turns) screw assembly into the chosen threaded insert on the bottom of the projector. (Fig. 9)

Fig. 9

Repeat this procedure for the remaining threaded inserts. (Fig. 10)

Note: A 1" plastic spacer (3) is included for projectors with uneven mounting surfaces. Trim the plastic spacer to the required length, and install on appropriate mounting screw.
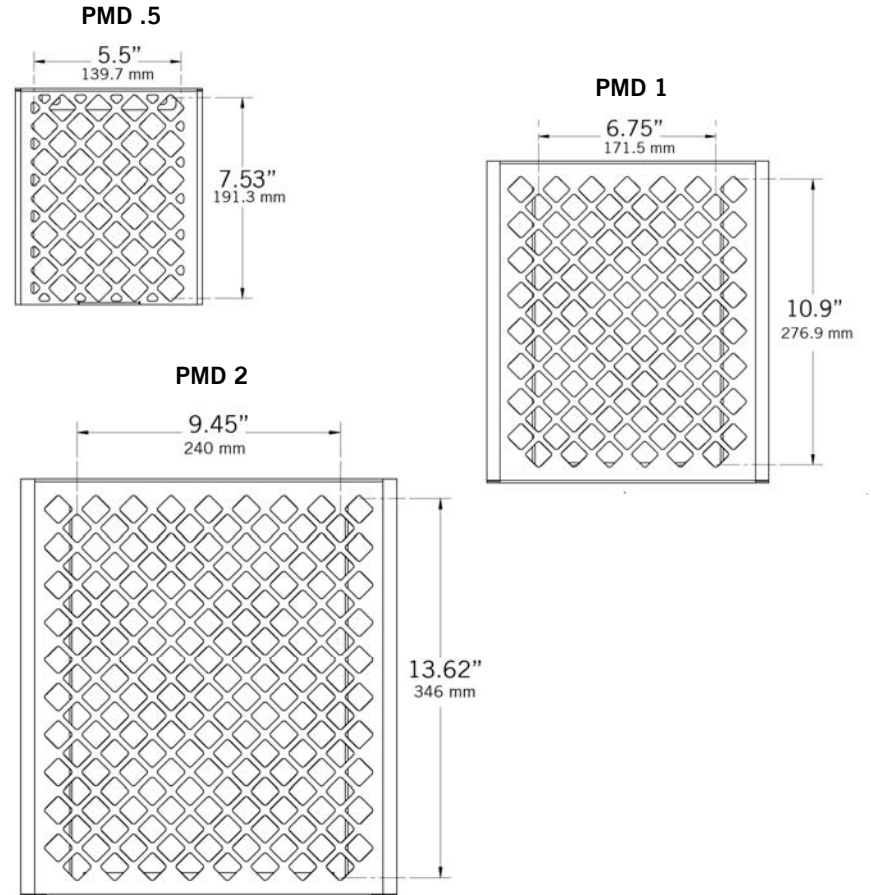
Fig. 10

Once all mounting screws have been installed, square up the projector mounting plate, and then tighten the mounting screws securely.

Caution: Do not force or over tighten the mounting screws, or damage to the projector may occur.

Part	Projector Mounting Hardware		Qty.	Bag
1	Large Washer		8	(a)
2	Metal Spacer: 3/8"		4	(a)
3	Plastic Spacer: 1"		1	(b)
	PMD–.5 /PMD–1	**PMD-2**		
4	Screw: 5mm x 25mm	Screw: 6mm x 25mm	4	(c)
5	Screw: 4mm x 25mm	Screw: 5mm x 25mm	4	(c)
6	Screw: 3mm x 25mm	Screw: 4mm x 25mm	4	(c)

Hardware Bags

Step 1

Verify that the dimensions (H x W) of the mounting lands on y0ur projector fall within the mounting grid footprint for your PMD mount.

PMD .5

5.5"
139.7 mm

7.53"
191.3 mm

PMD 1

6.75"
171.5 mm

10.9"
276.9 mm

PMD 2

9.45"
240 mm

13.62"
346 mm

Step 2

With an electronic stud finder, locate center of ceiling stud in desired mounting location. Unscrew ceiling plate (**E**) from Projector Mounting top plate (**A**). Use ceiling plate as a template, and mark mounting hole locations. Drill mounting holes to a depth of 3" using a 3/16" drill bit. Mount ceiling plate to stud with 5/16" lag bolts (**J**).
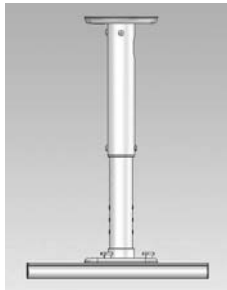
Step 3

Determine type of installation:
- Standard Ceiling Mount
- Extended Ceiling Mount
- Flush Mount
- Wall Mount

Standard Ceiling Mount

Press plastic cover (**D**) into place over ceiling plate.
Attach pipe drop assembly (**C**) to ceiling plate with three 5/8" hex screws (**H**).
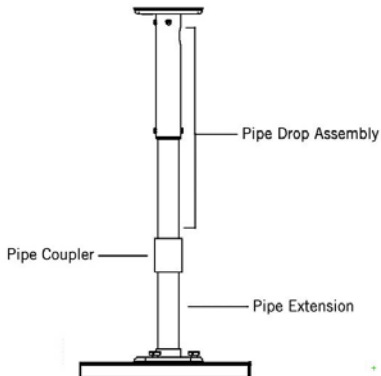**Note:** Orient the cable management port on the pipe drop assembly so that it faces the projector cable drop.

Extended Ceiling Mount

For installations that require a ceiling drop in excess of 18", standard 1 ½" pipe may be used to extend the standard pipe drop assembly.
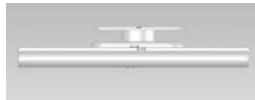
Pipe extension should be cut to the required additional length, threaded on both ends, and then attached to the standard pipe drop assembly with a pipe coupler (not supplied).

Note: Orient the cable management port on the pipe drop assembly so that it faces the projector cable drop.
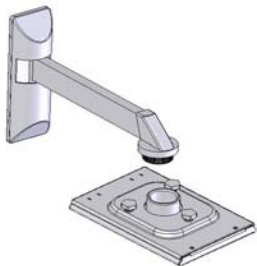
Pipe Drop Assembly

Pipe Coupler

Pipe Extension

Flush Ceiling Mount

For installations with low ceilings, the flush ceiling mount should be used. **Note:** cable management is not available with the flush mount. Proceed to step 3.

Wall Mount

With the addition of the OmniMount PMD-WM wall mount (sold separately); the PMD can be mounted to a wall instead of the ceiling. This is particularly useful for small conference/classrooms where a ceiling mount is impractical. Refer to the PMD-WM installation instructions.

Step 4

Gently pull the extension tube of the pipe drop assembly down to the required projector height. Rotate extension tube so that adjustment screw holes are visible through the support tube. (Fig. 1)

Secure the pipe position by installing ½" long hex screws (**I**) into adjustment screw holes. For a cleaner appearance, insert plastic plugs (**K**) into unused holes on extension tube.

Fig. 1

Separate top and bottom projector mounting plates (**A&B**), by sliding them apart. (Fig. 2)

Fig. 2

Thread ¼" hex head set screw (**F**) into side of pipe collar, on top projector mounting plate (**A**). (Fig. 3)

Note: If necessary, screw in tilt knob to gain access to the set screw hole.

Fig. 3

Loosely thread top projector mounting plate (**A**) onto threaded portion of pipe drop.

Position top projector mounting plate into desired orientation (horizontal or vertical), and then tighten set screw (**F**). (Fig. 4)

Fig. 4

Thread cable bundle through cable management port at top of pipe assembly, down through the pipe assembly, and then out through the cable management port on the rear of the projector mounting plate. (Fig. 5) (Standard ceiling mount only) Be sure to leave enough cable to reach the mounted projector.

Fig. 5

Flush Ceiling Mount

For flush ceiling mount, loosely thread top projector mounting plate directly onto threaded portion of ceiling plate. **Note:** Plastic cover is not used for flush mount.